

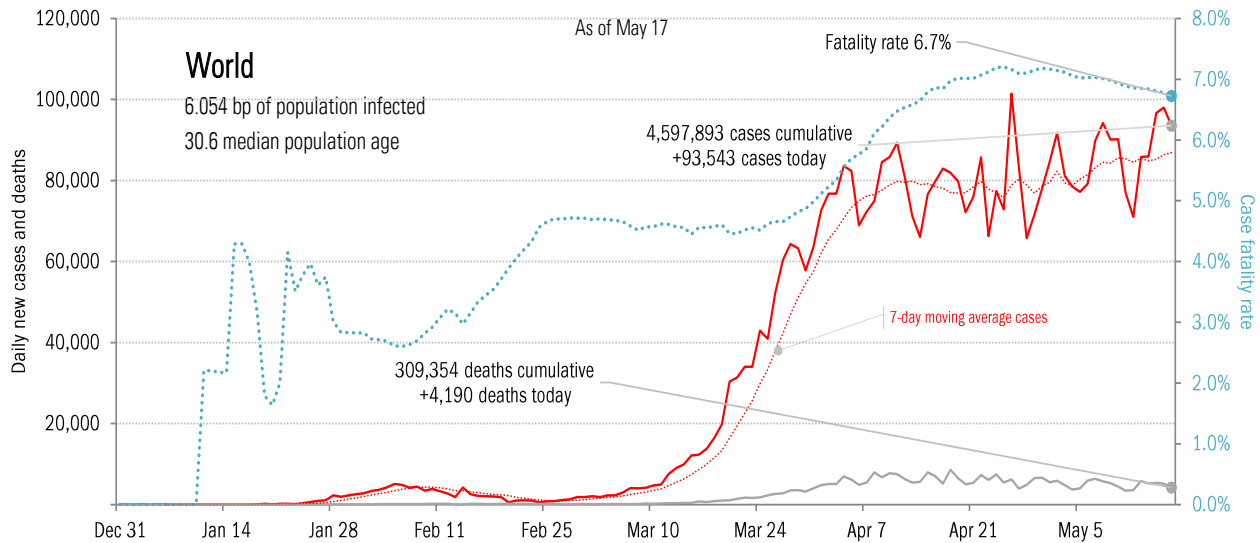
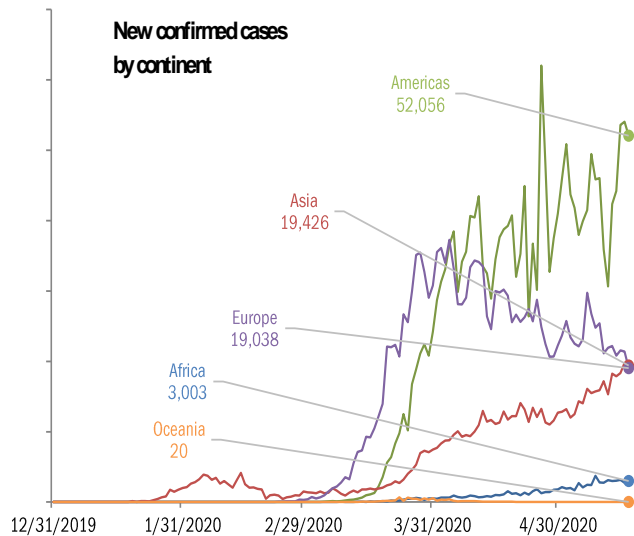
## Data Insights: Covid-2019 Monitor

Sunday, May 17, 2020

### The global scorecard

#### The worst ten countries

New cases		New Deaths	
US	+24,487	US	+1,186
Brazil	+14,919	Brazil	+816
Russia	+9,200	UK	+468
India	+4,987	Mexico	+278
Peru	+4,046	Italy	+153
UK	+3,450	Peru	+130
Saudi	+2,840	India	+120
Mexico	+2,112	Russia	+119
Chile	+1,886	Canada	+117
Iran	+1,757	France	+96
<b>+69,684</b>		<b>+3,483</b>	
World	+93,543	World	+4,190
Top ten	74%	Top ten	83%



Source: [ECDC](#), TrendMacro calculations

#### For more information contact us:

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 Thomas Demas: 704 552 3625 [tdemas@trendmacro.com](mailto:tdemas@trendmacro.com)

# The US scorecard

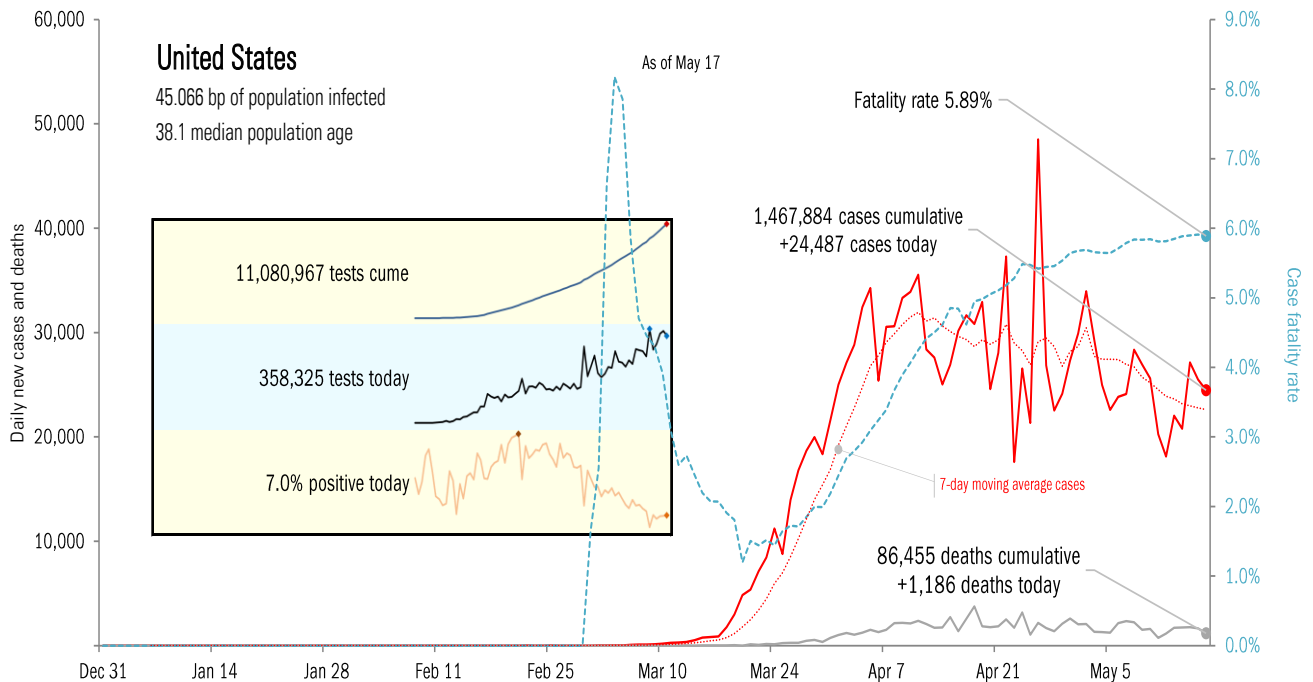
National and state-by-state data do not line up because of different sources

## The ten worst US states

New cases		New Deaths		New in hospital		Cure cases		Cure deaths		Cure in hospital	
NY	+2,419	NY	+174	NY	+412	NY	348,232	NY	22,478	NY	75,163
IL	+2,088	MA	+113	FL	+400	NJ	145,089	NJ	10,249	CT	10,946
CA	+1,857	NJ	+111	GA	+297	IL	92,457	MA	5,705	MA	8,456
TX	+1,801	CA	+96	MA	+142	MA	84,933	MI	4,880	FL	8,393
FL	+1,601	IL	+71	VA	+98	CA	76,793	PA	4,403	MD	6,755
MA	+1,512	PA	+61	OH	+79	PA	61,611	IL	4,129	GA	6,735
NJ	+1,184	CO	+59	MD	+76	MI	50,504	CT	3,339	VA	5,414
VA	+1,011	MI	+55	AZ	+54	TX	46,999	CA	3,204	OH	4,870
PA	+989	CT	+54	MN	+54	FL	44,811	LA	2,479	IN	4,389
MD	+982	IN	+50	CO	+53	MD	37,968	FL	2,040	CO	3,842
<b>+15,444</b>		<b>+844</b>		<b>+1,665</b>		<b>989,397</b>		<b>62,906</b>		<b>134,963</b>	
All states	+25,091	All states	+1,286	All states	+1,860	All states	1,458,787	All states	83,015	All states	155,726
Top ten	62%	Top ten	66%	Top ten	90%	Top ten	68%	Top ten	76%	Top ten	87%

## Five most improved US states

Fewer daily cases		Fewer new deaths		Fewer new hospitalizations		Most recoveries	
MA	-1,412	MA	-164	MA	-140	NJ	+7,297
KS	-418	NJ	-81	SC	-83	MI	+5,548
GA	-357	PA	-63	MD	-50	TX	+1,147
IL	-344	IL	-59	KY	-43	MN	+751
NY	-343	TX	-23	KS	-20	NY	+494



Source: States and test data [Covid Tracking Project](#), US data [ECDC](#), TrendMacro calculations

## Recommended reading

### [The Richest Neighborhoods Emptied Out Most as Coronavirus Hit New York City](#)

Kevin Quealy  
*New York Times*  
May 17, 2020

### [Visualizing the History of Pandemics](#)

Nicholas LePan  
*Visual Capitalist*  
March 14, 2020

### [Facts about Covid-19](#)

*Swiss Policy Research*  
May 6, 2020

### [Kawasaki Disease and COVID-19](#)

*The UK Kawasaki Disease Foundation*  
April 28, 2020

### [Texas Man Spends 300 Hours Creating LEGO Disneyland Replica amid Coronavirus Pandemic](#)

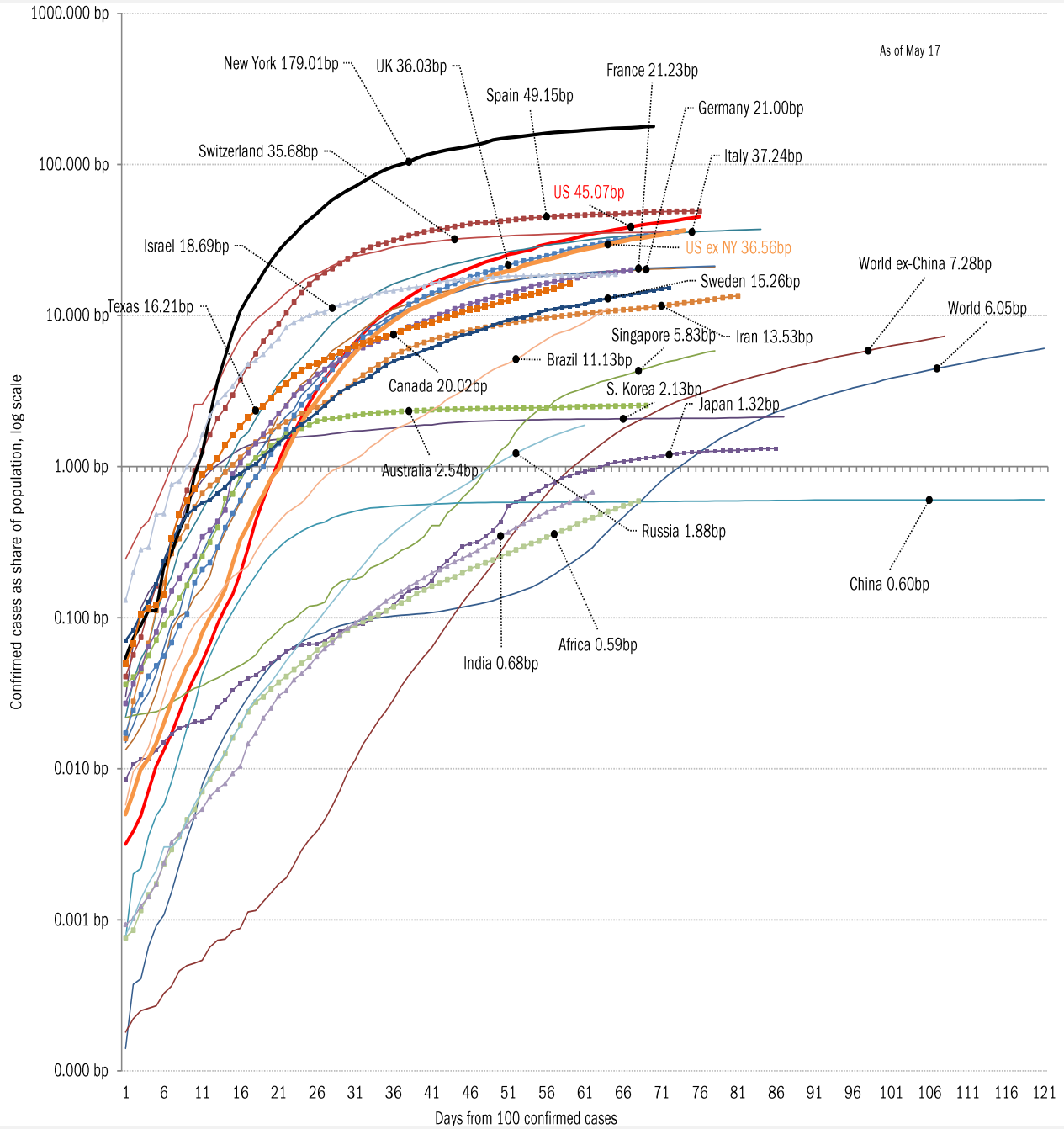
Georgia Slater  
*People*  
May 15, 2020

## Meme of the day



Source: Our beloved clients, and [Power Line blog "The Week in Cartoons"](#)

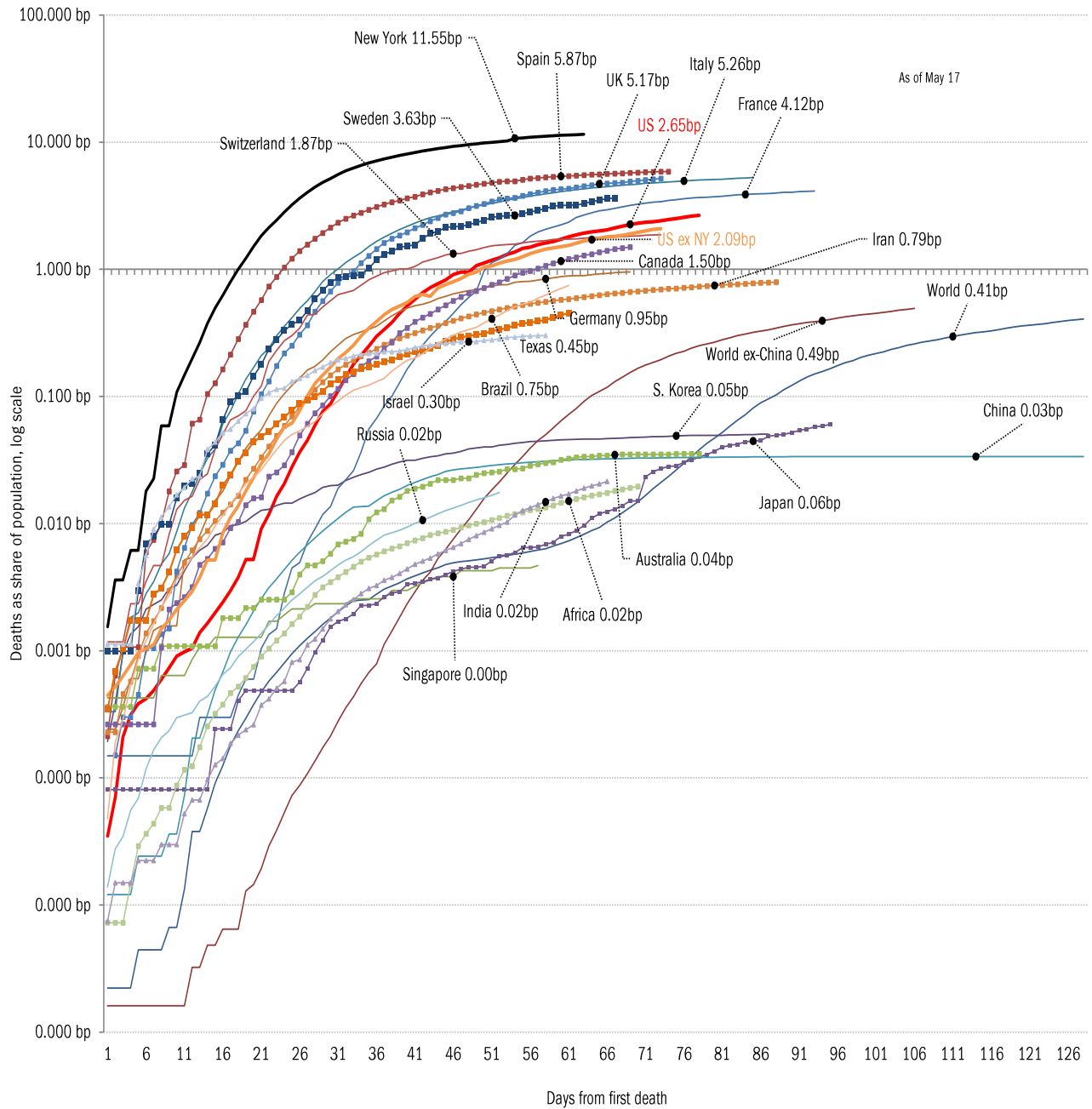
The coronavirus case accelerometer... tracking the world's infection curves  
*Share of infected population from first day with 100 confirmed cases, log scale*



Source: [ECDC](#), TrendMacro calculations

# The coronavirus mortality accelerometer ... tracking the world's fatality curves

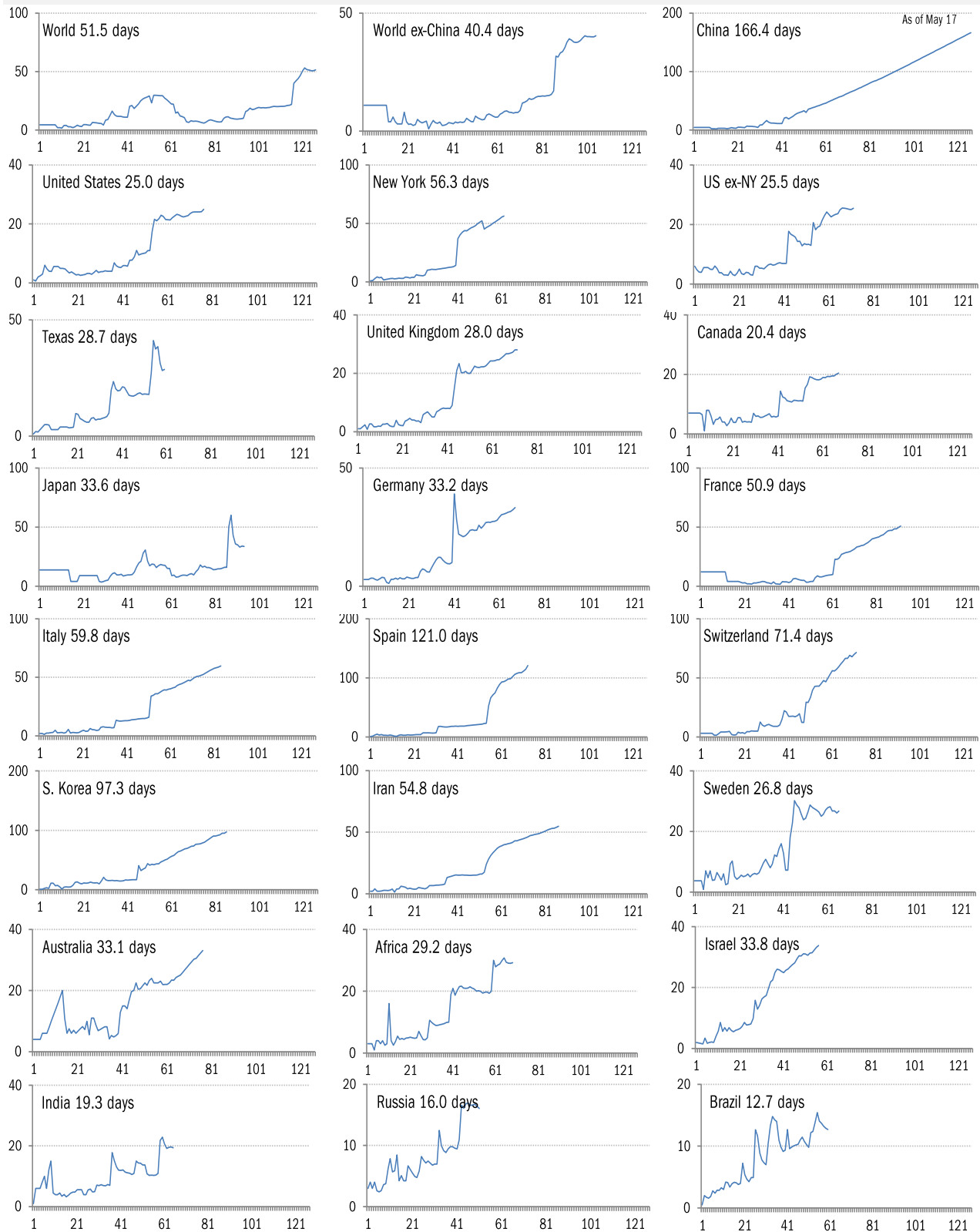
## Share of deceased population from day of first fatality



Source: [ECDC](#), TrendMacro calculations

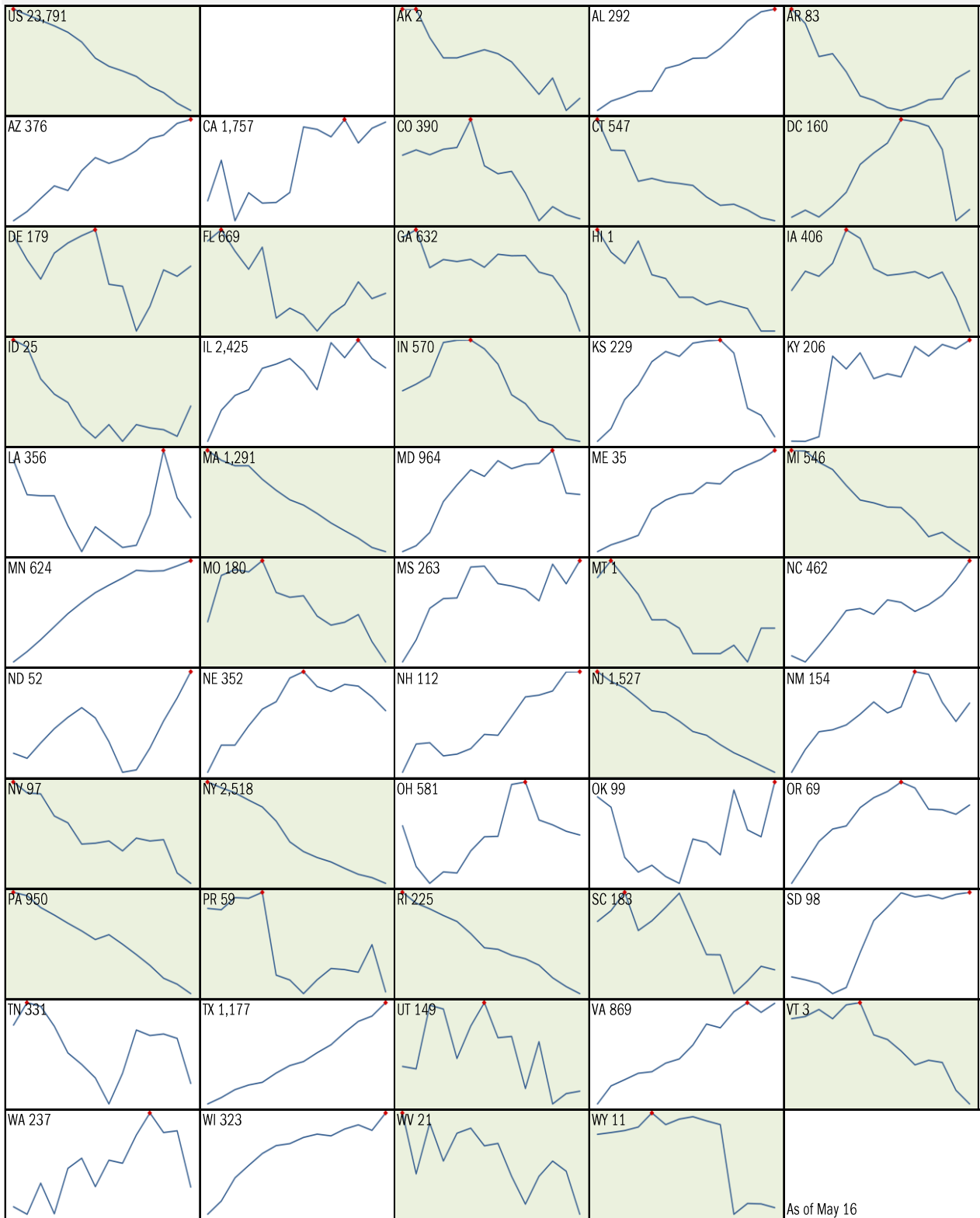
# Our most reliable evidence of slowing the Moore's law of Covid-19

Vertical: number of days it takes to double deaths Horizontal: days from first death



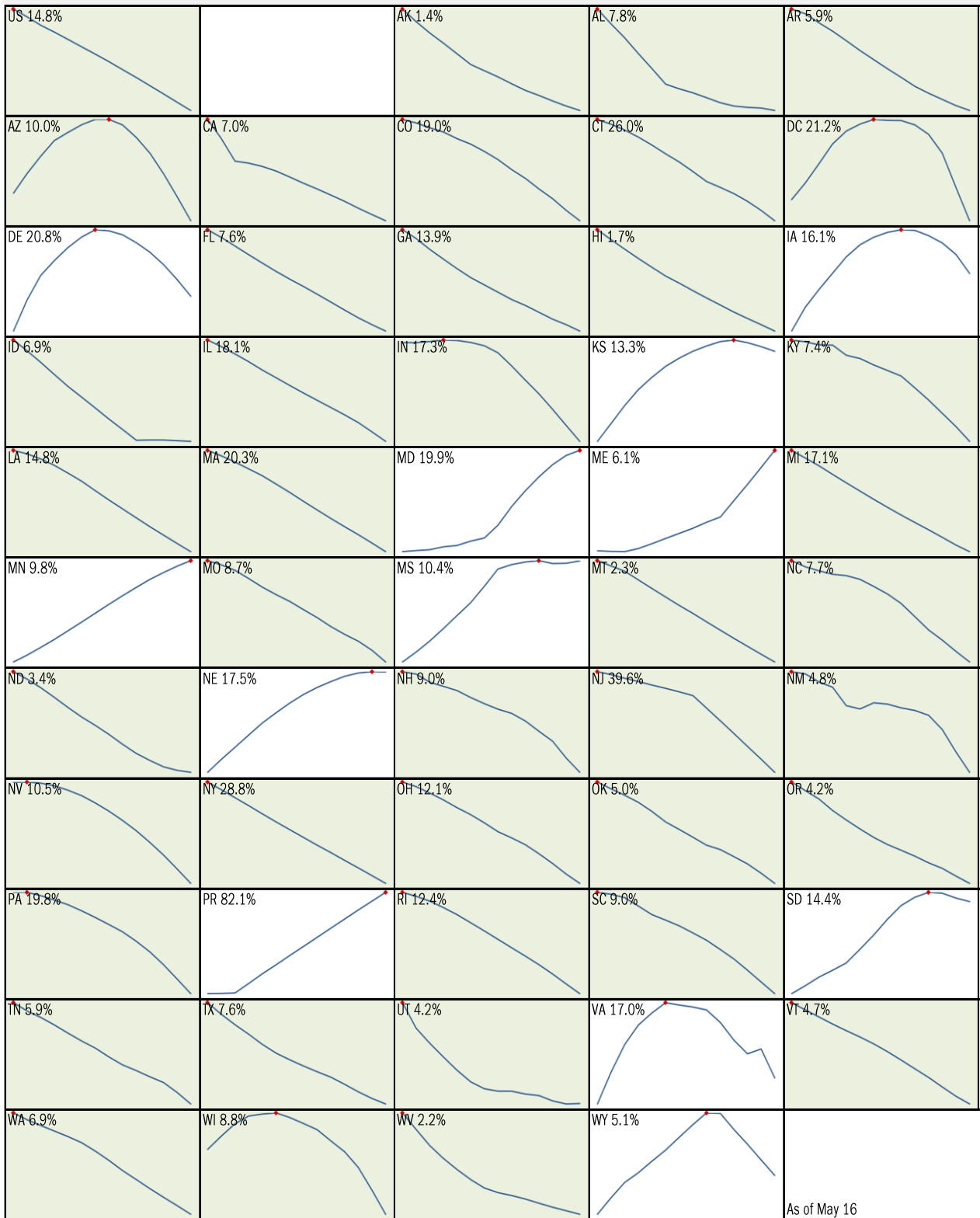
Source: [ECDC](#), TrendMacro calculations

Requirement to [Open Up America Again](#): ■ 14-day “downward trajectory” in new cases  
 14-day moving average, last 14 days      Most recent value displayed



Source: [Covid Tracking Project](#), TrendMacro calculations

Alt requirement to [Open Up America Again](#): ■ 14-day "downward trajectory" in pos tests  
 14-day moving average, last 14 days *Most recent value displayed*



Source: [Covid Tracking Project](#), TrendMacro calculations

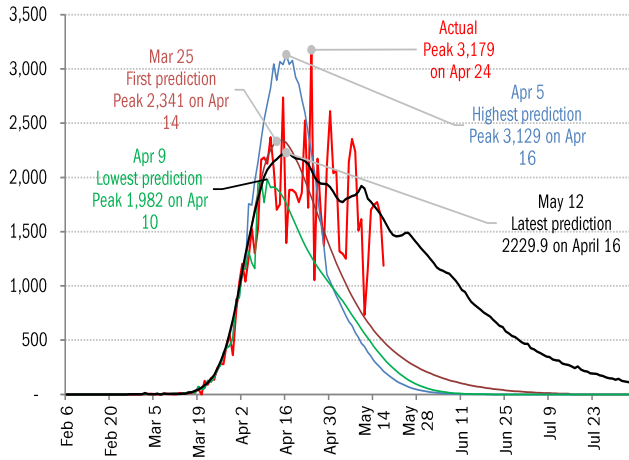


# Reality-checking the models: actuals versus [IHME predictions](#)

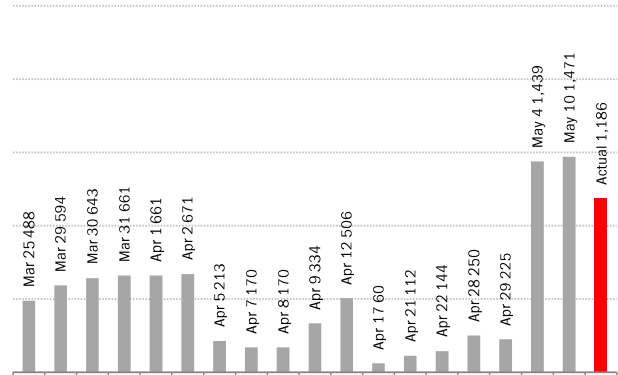
## New daily fatalities

As of May 17

Actual versus first, highest and latest model mean predictions

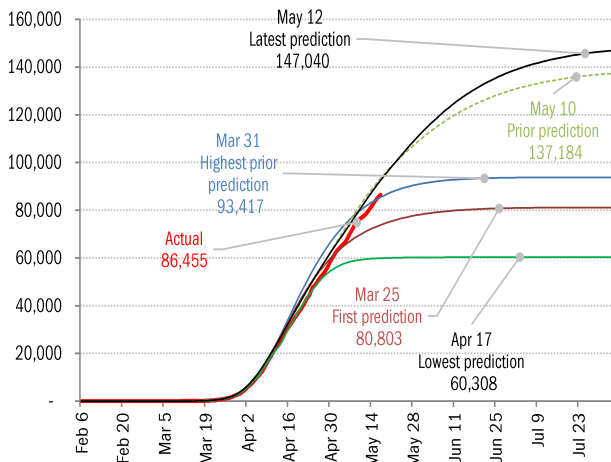


For this day, versus all model mean predictions

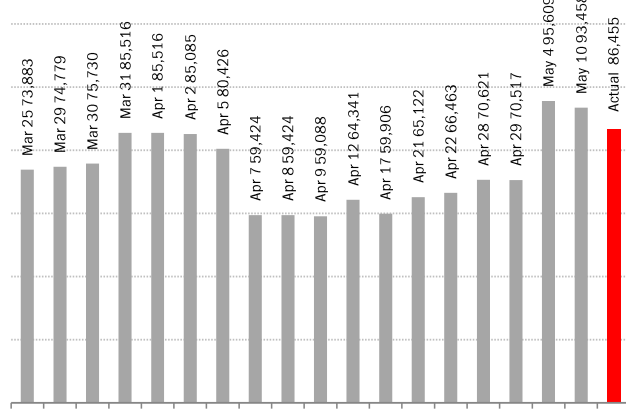


## Cumulative fatalities

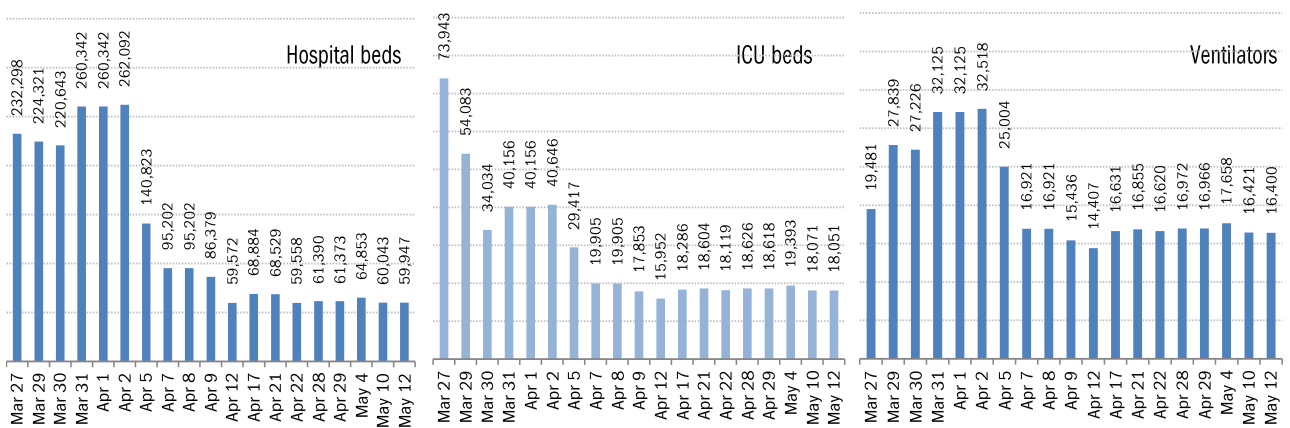
Actual versus first, highest and latest model mean predictions



For this day, versus all model mean predictions

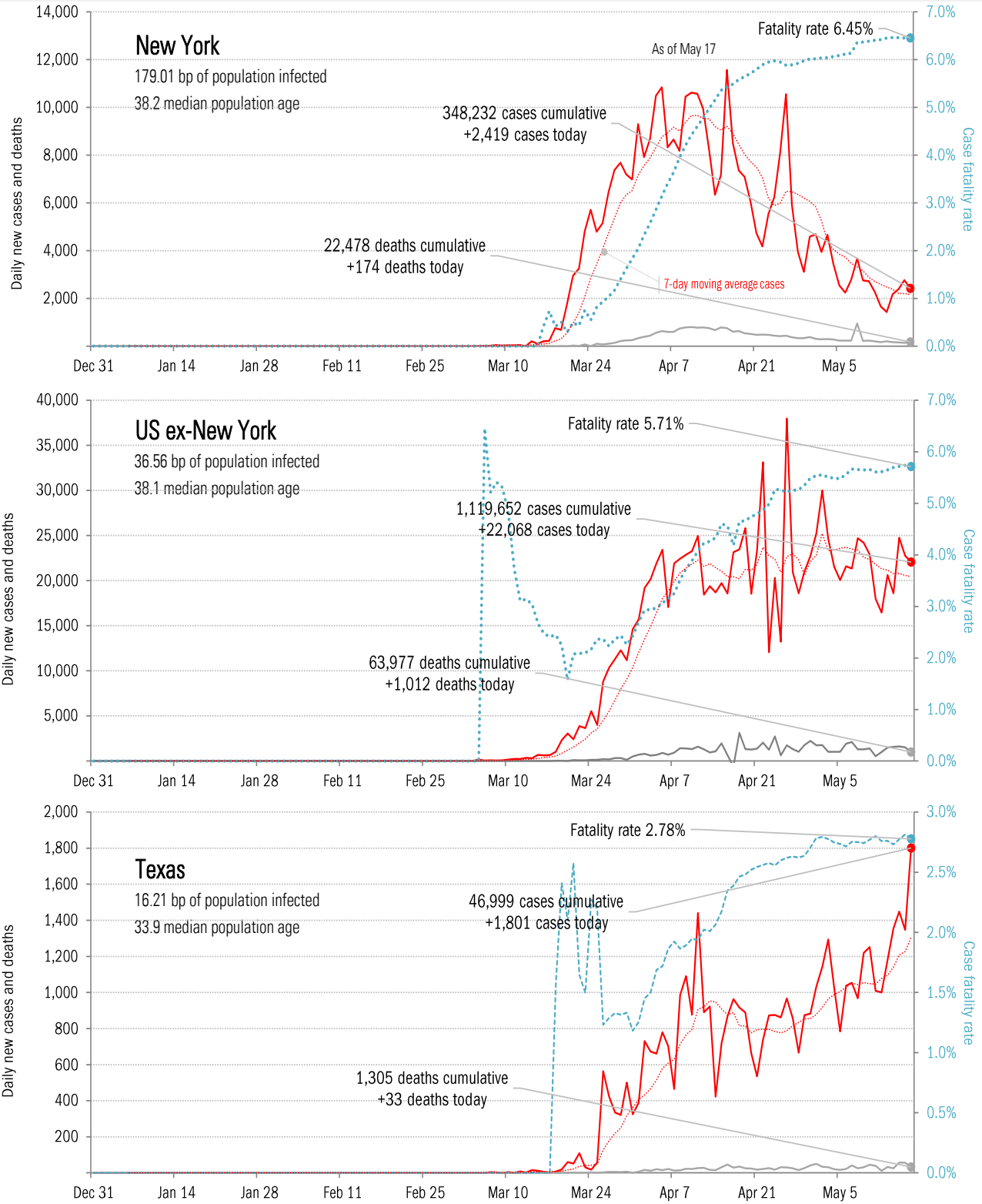


## Healthcare system stress, peak estimated at each model revision



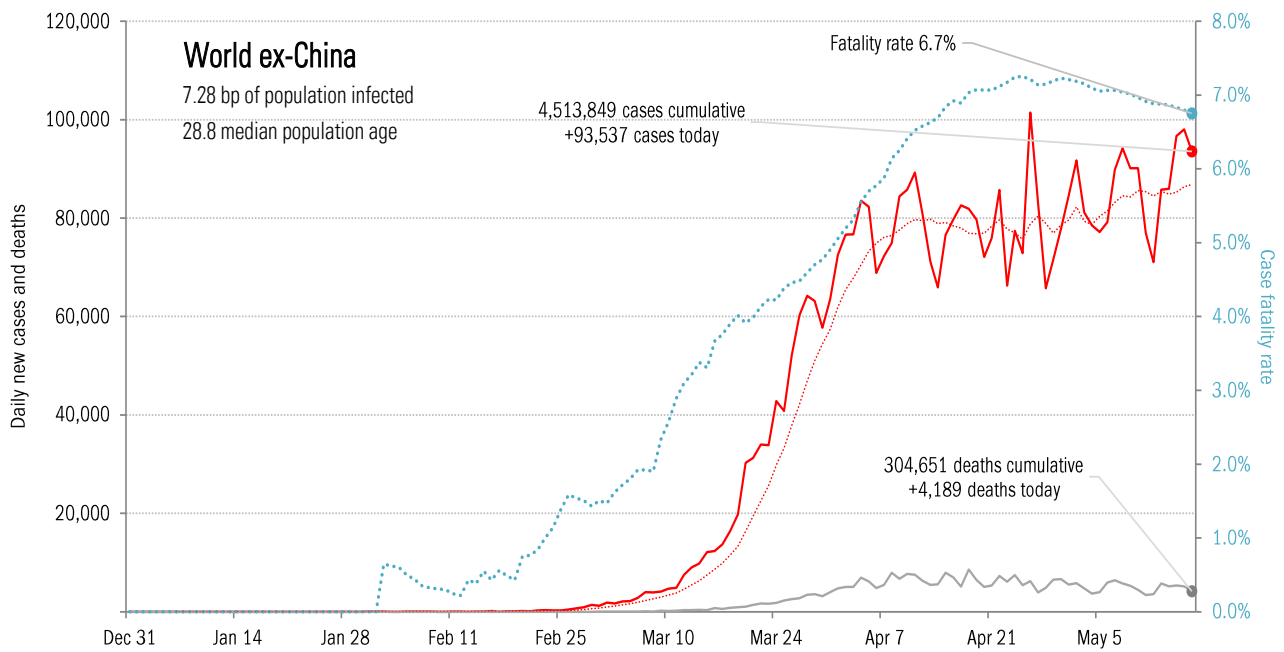
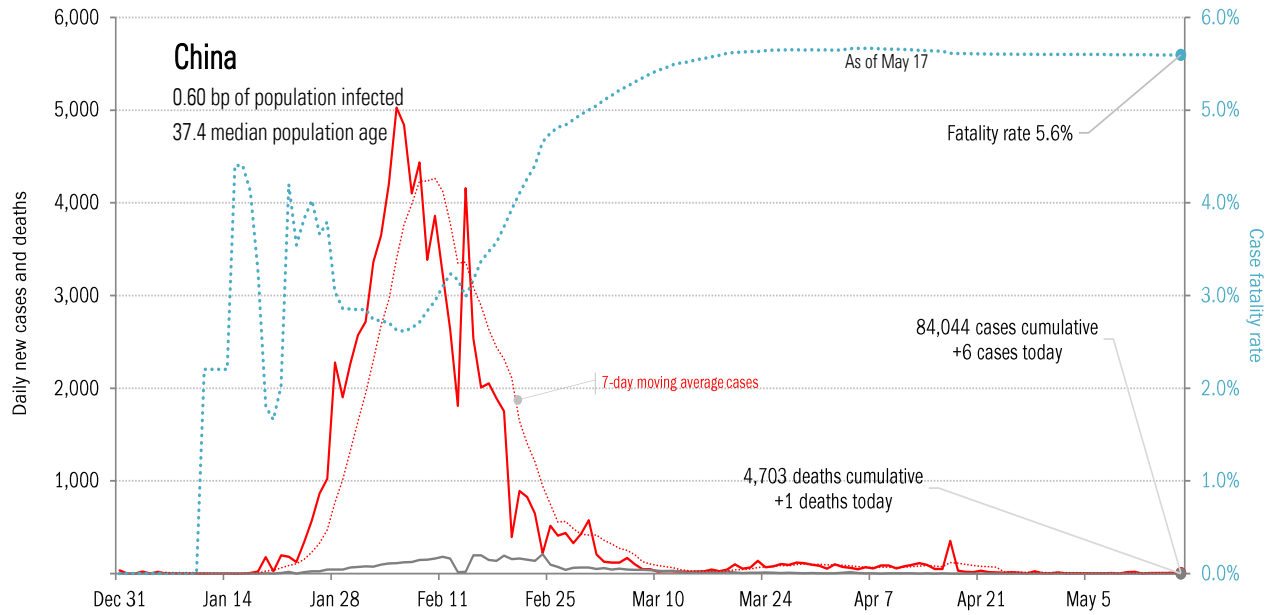
Source: [ECDC](#), [IHME](#), TrendMacro calculations

# From Ground Zero to the Rio Grande



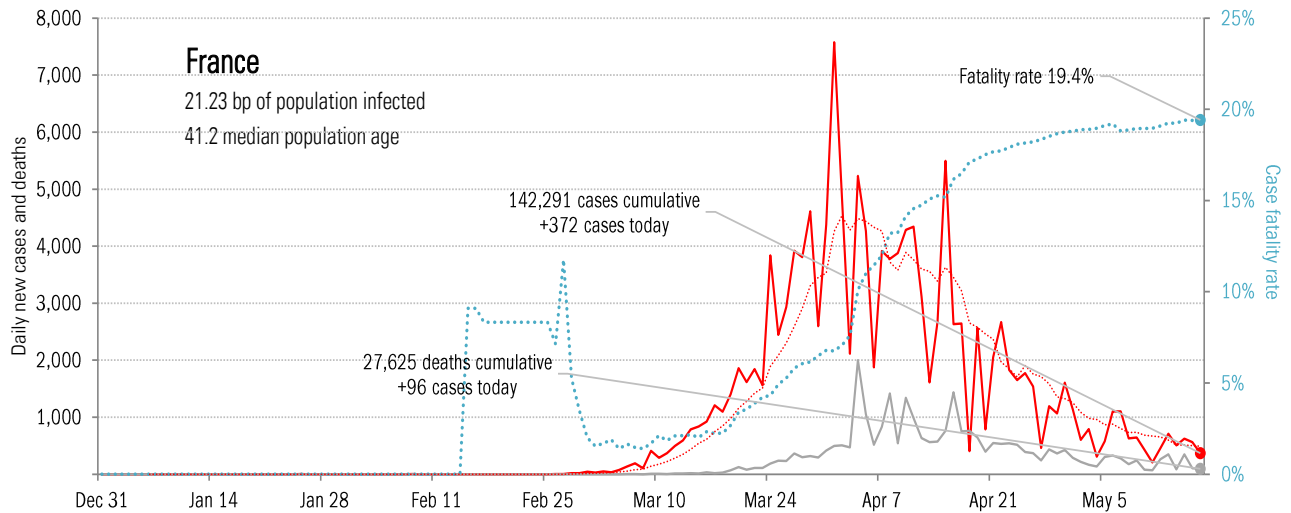
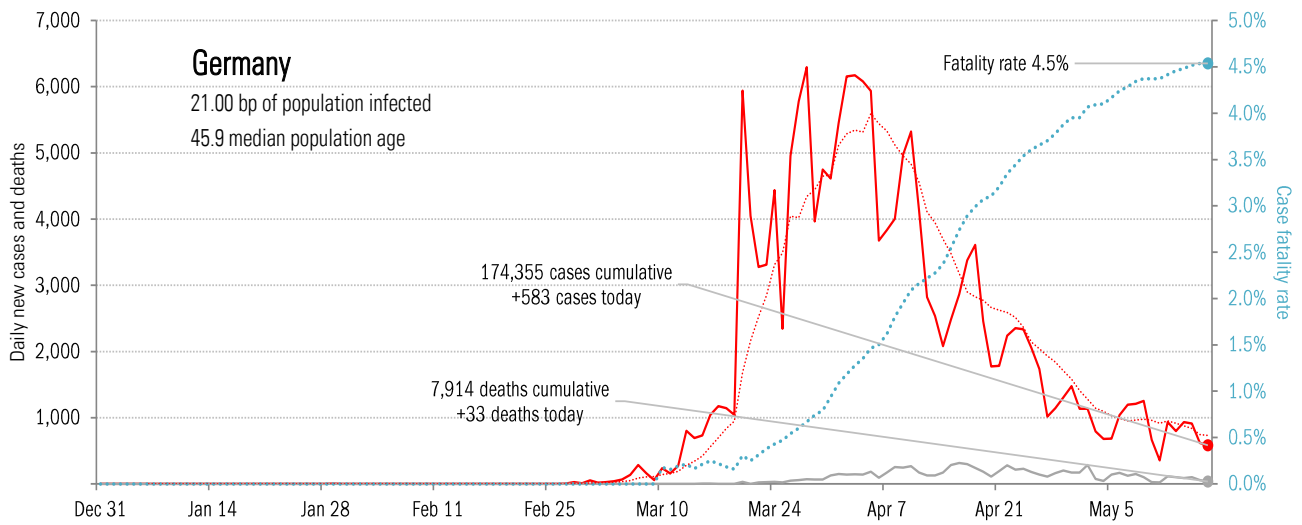
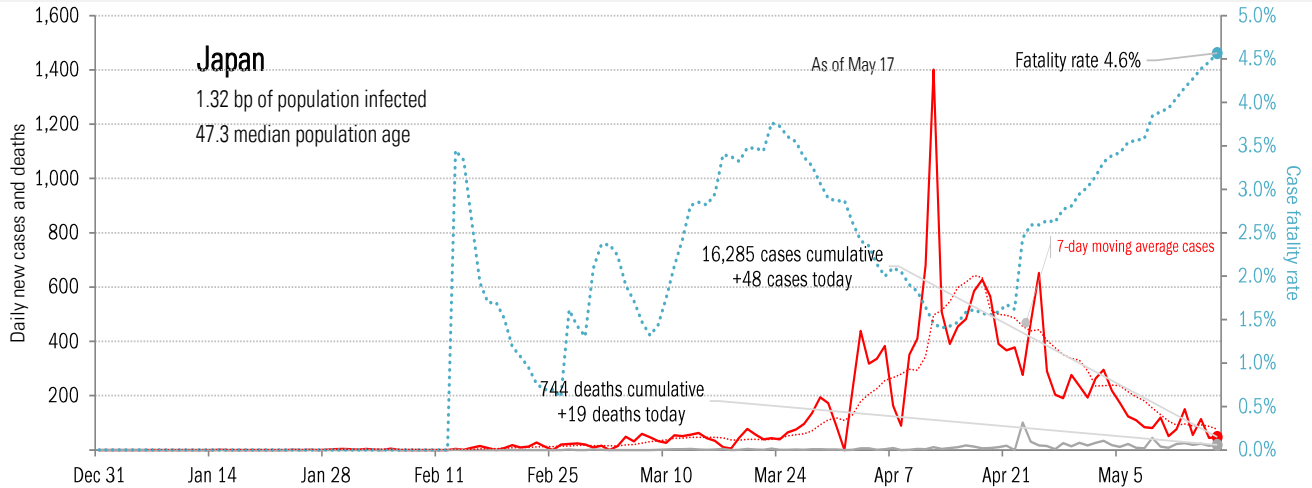
Source: [ECDC](#), TrendMacro calculations

# Patient zero... and then everyone else



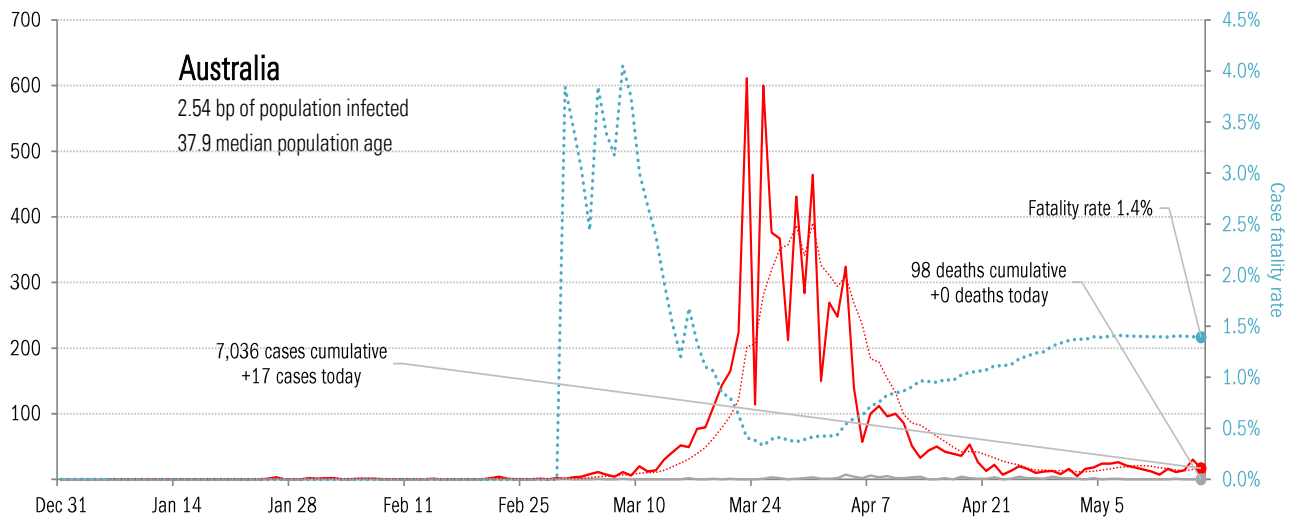
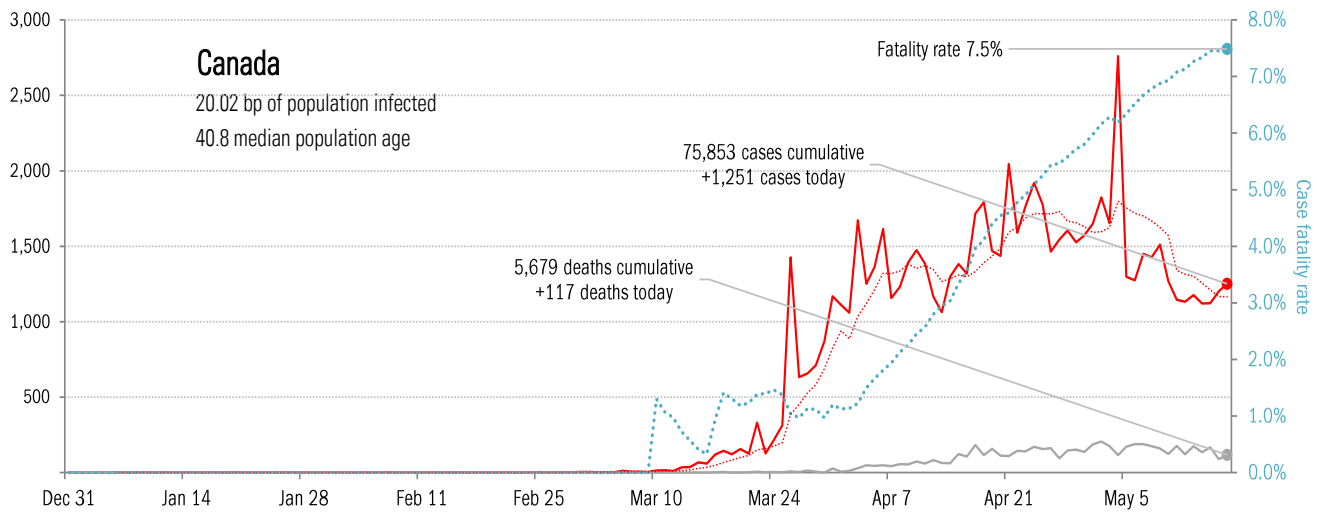
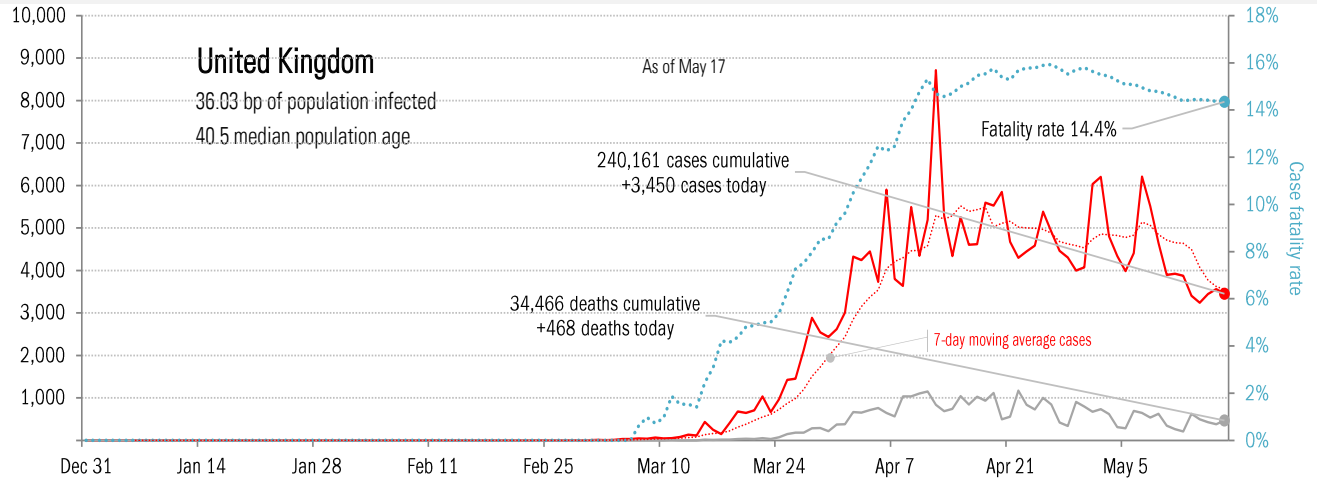
Source: [ECDC](#), TrendMacro calculations

# Impact in the largest economies



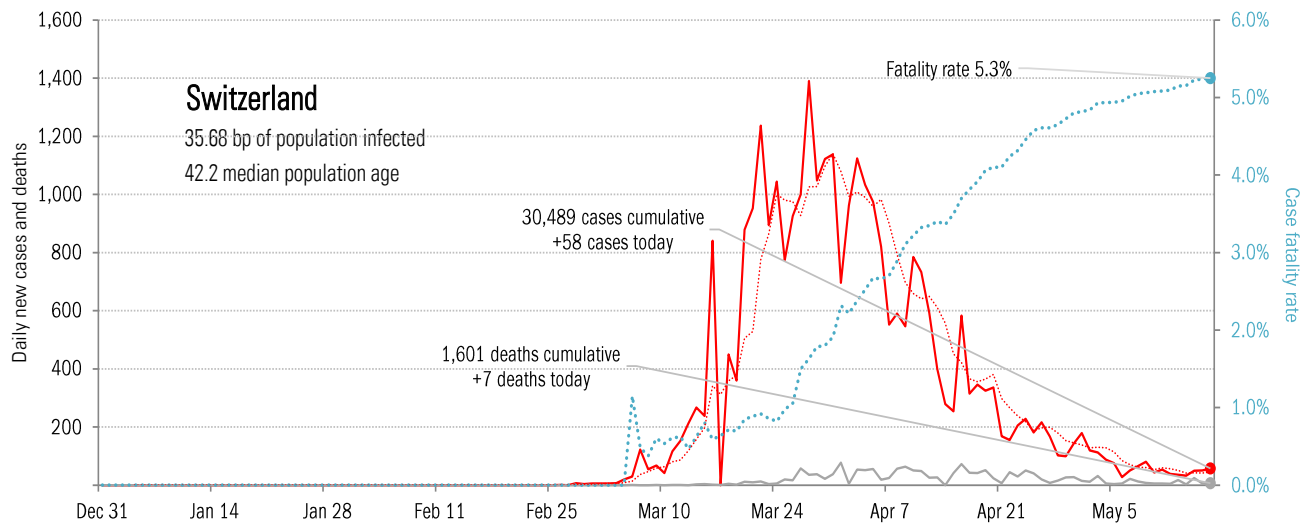
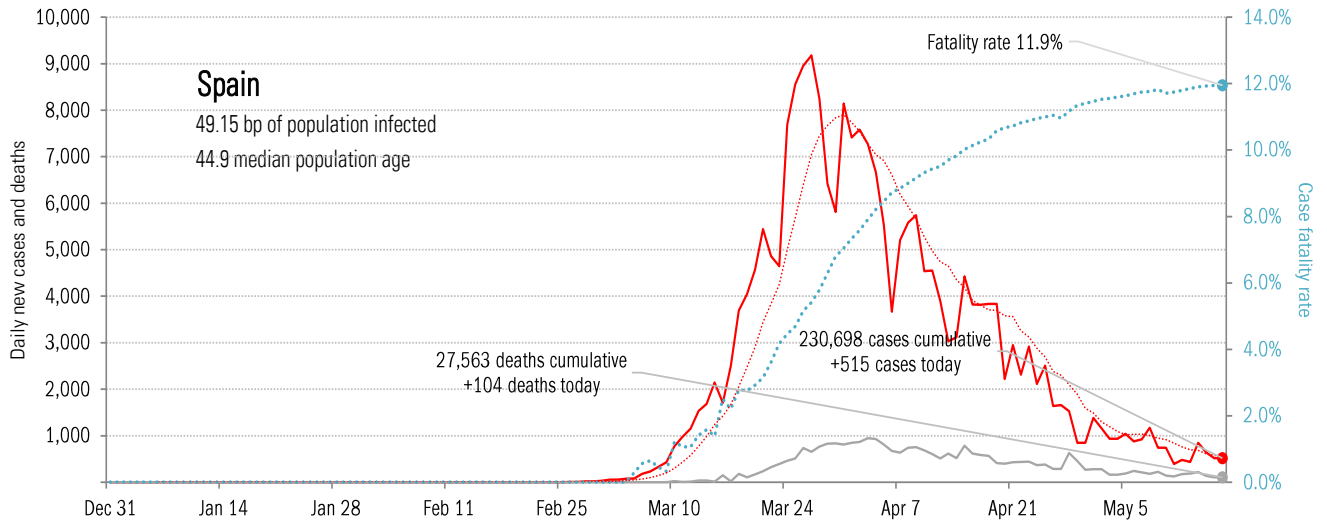
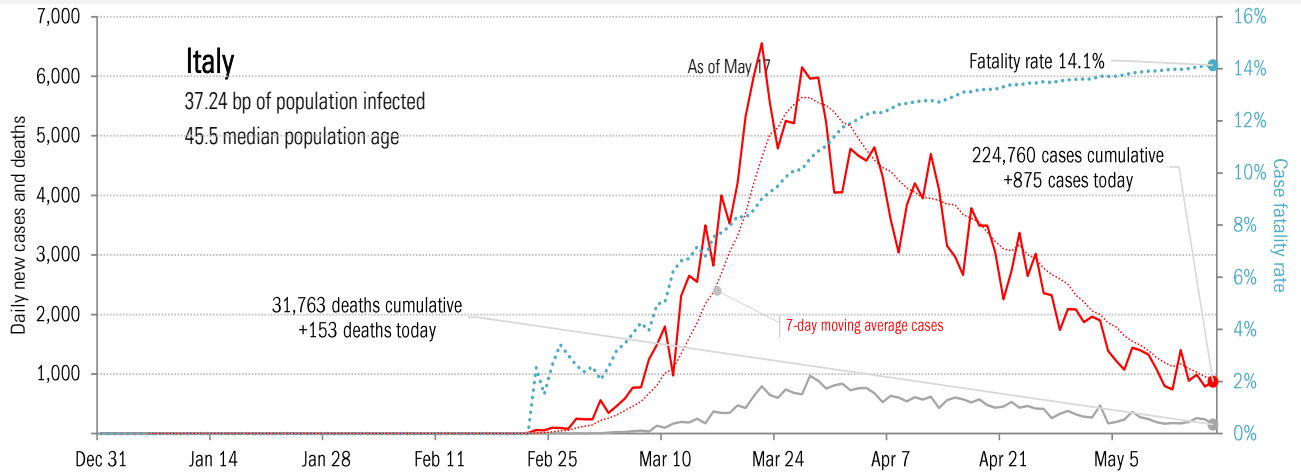
Source: [ECDC](#), TrendMacro calculations

# Impact in The Anglosphere



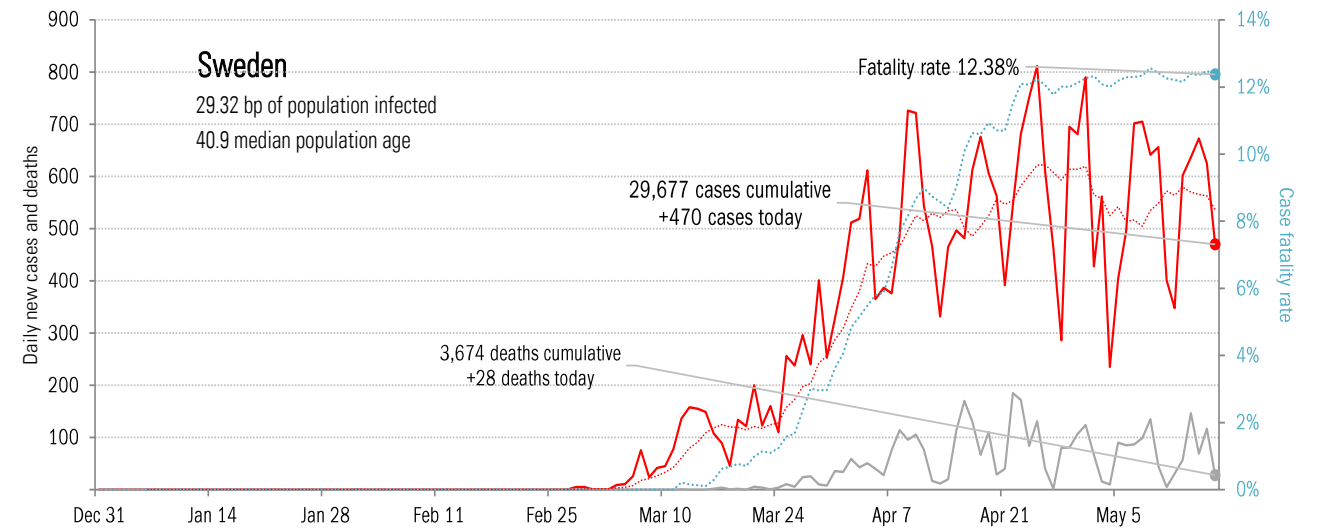
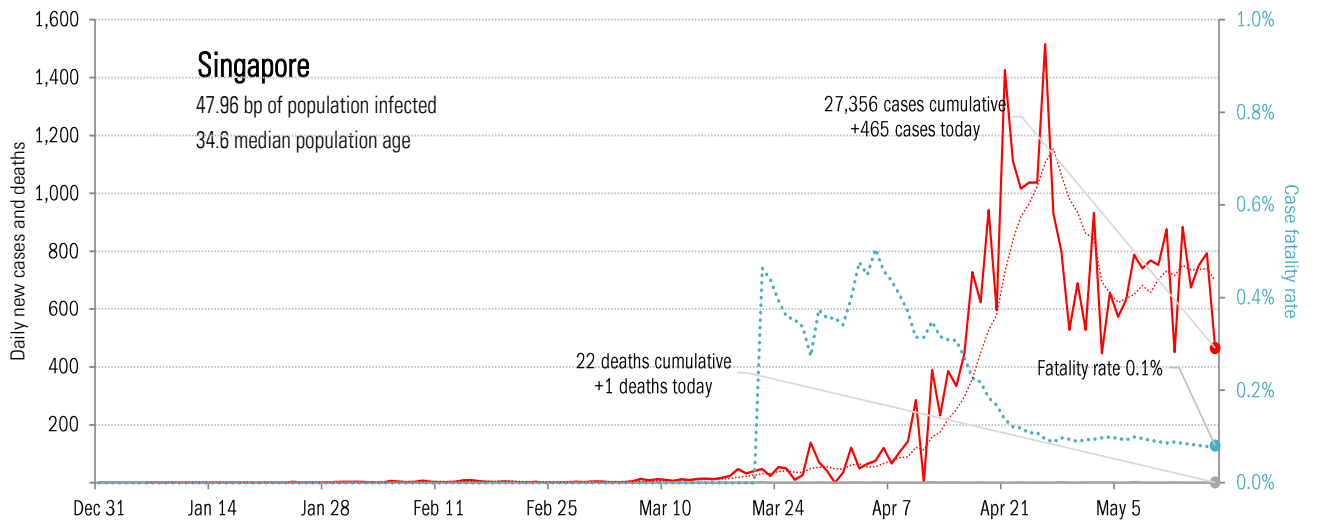
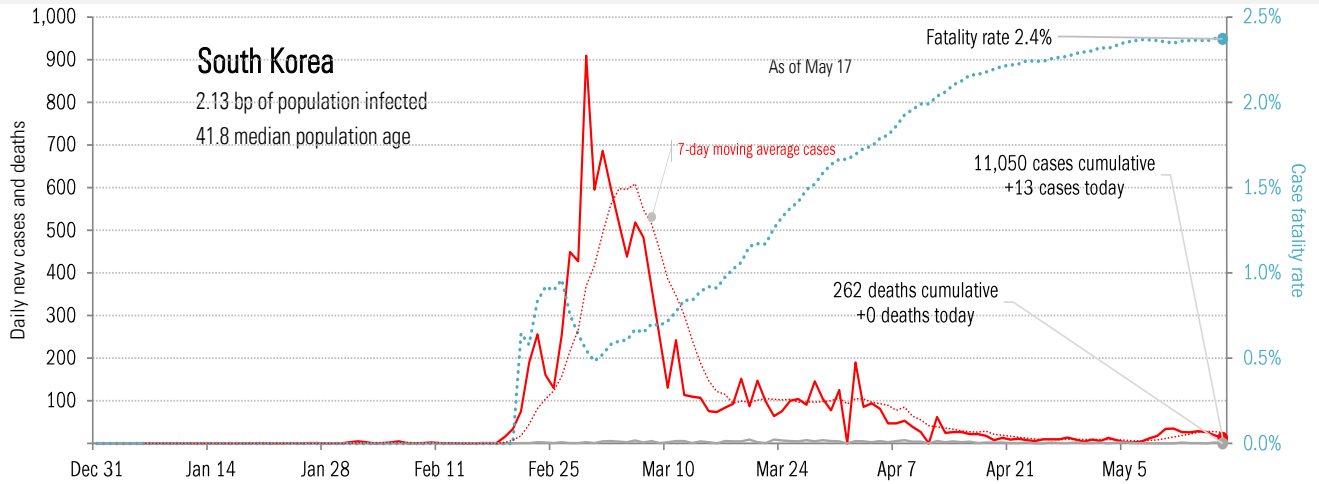
Source: [ECDC](#), TrendMacro calculations

# Impact in continental Europe



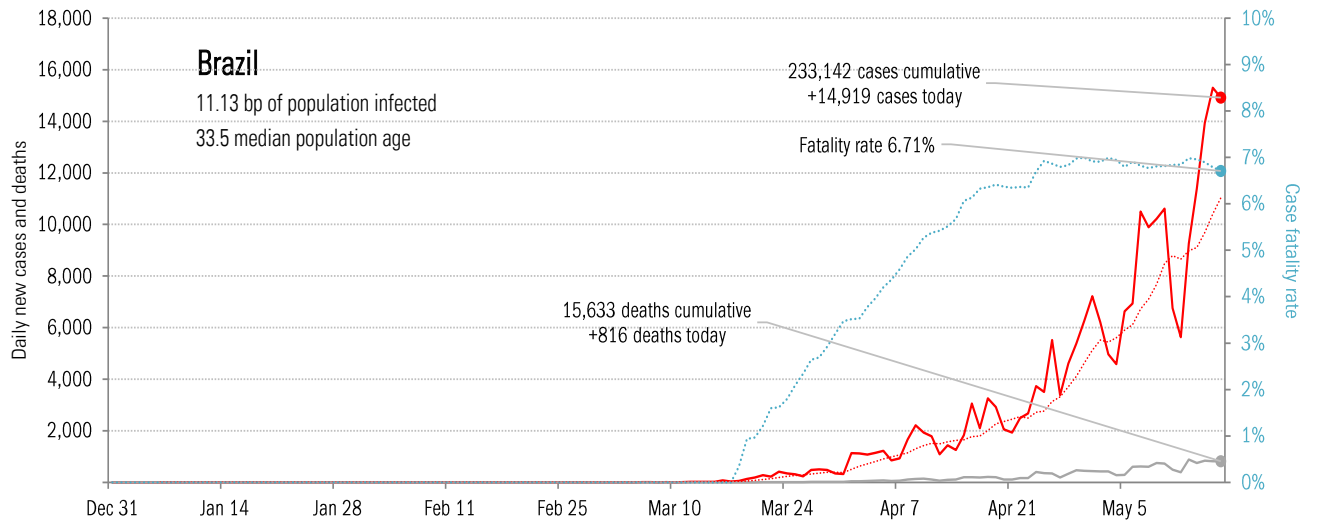
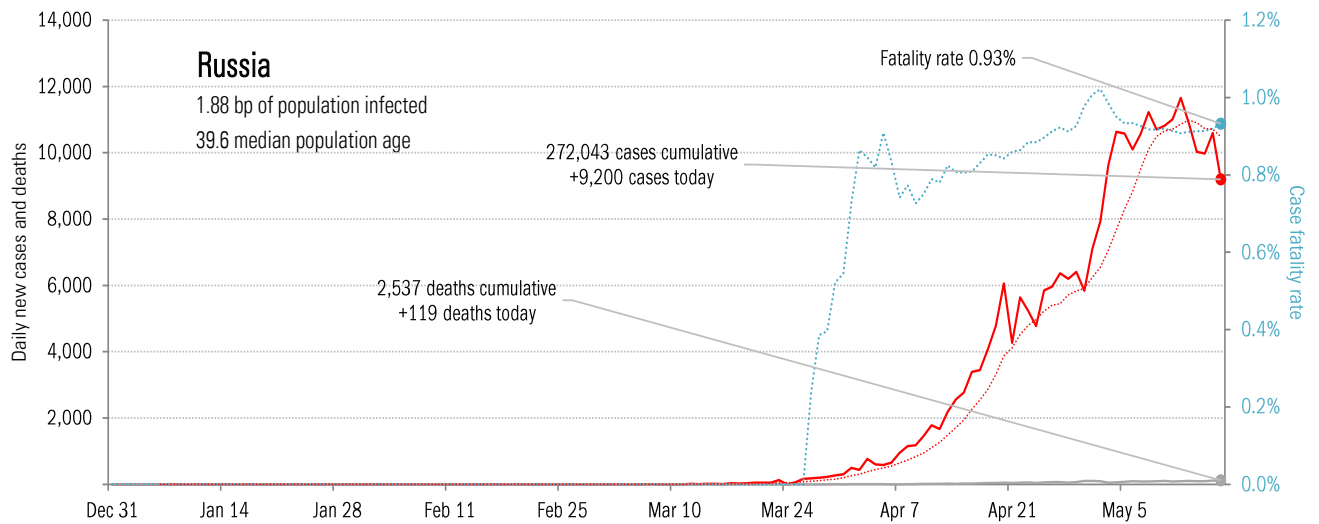
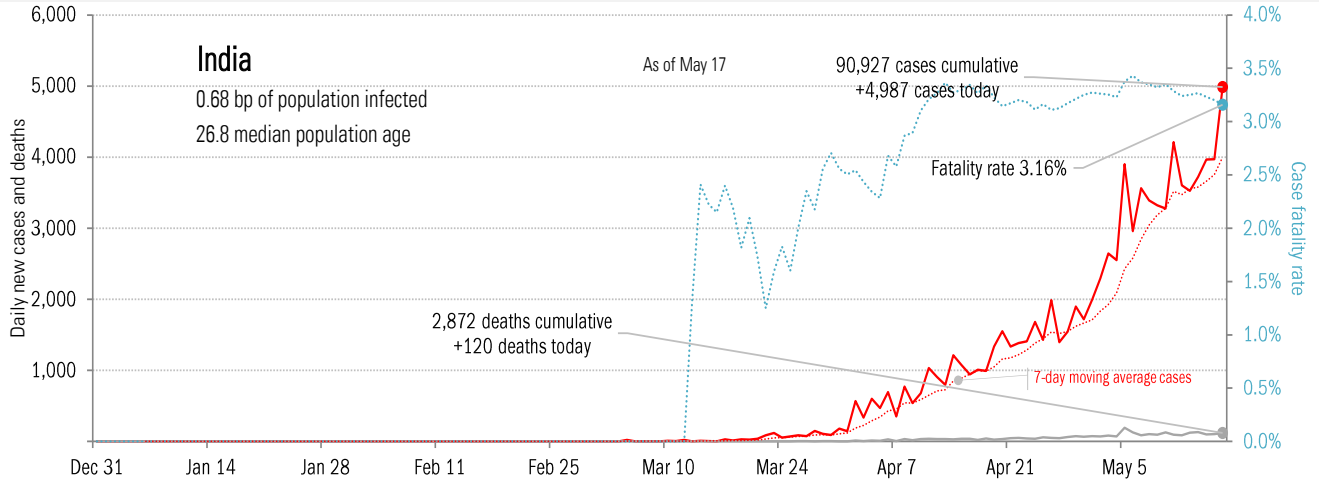
Source: [ECDC](#), TrendMacro calculations

# Impact in other hot-spots



Source: [ECDC](#), TrendMacro calculations

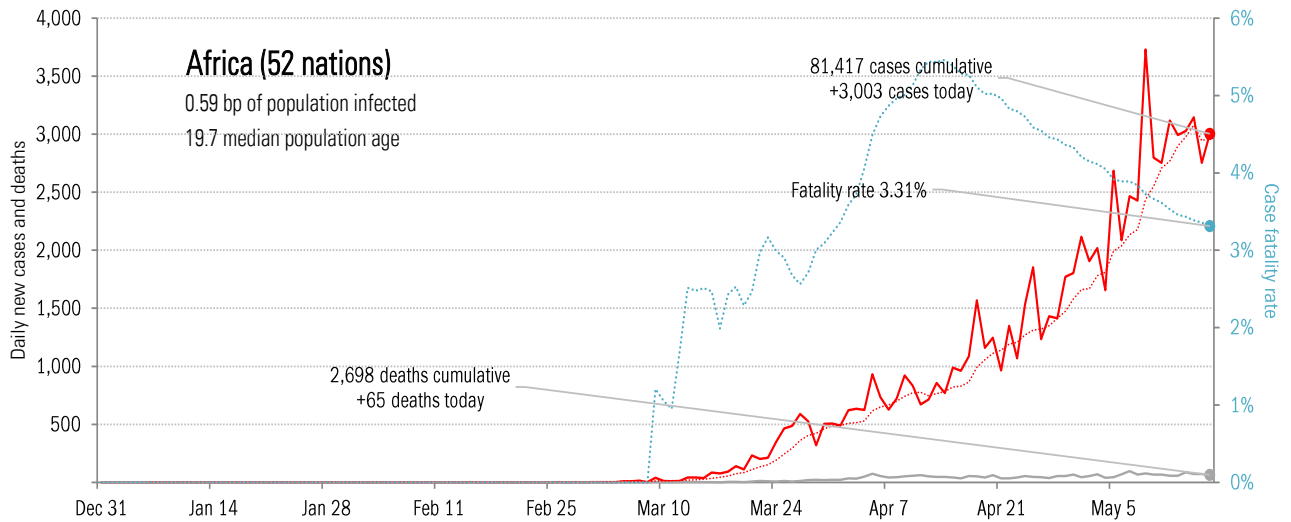
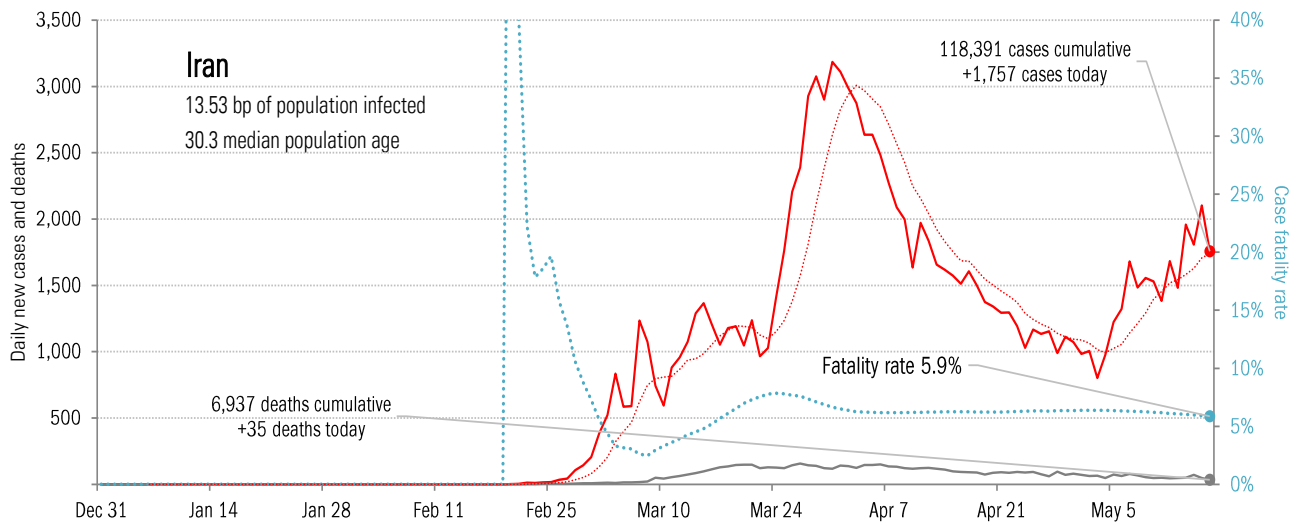
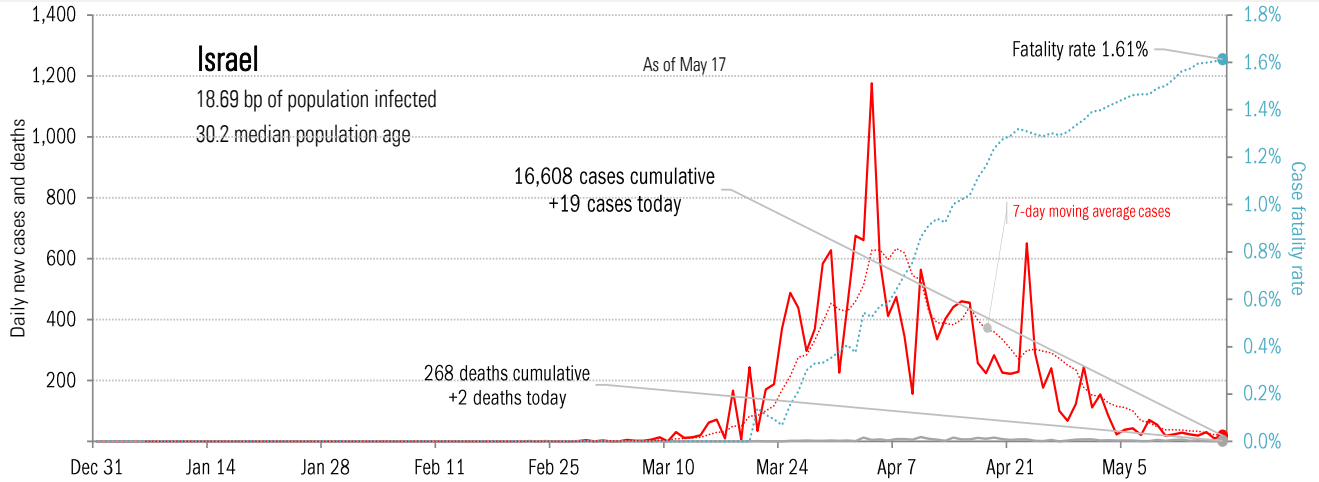
# Impact in the BRICs ex-China



Source: [ECDC](#), TrendMacro calculations



# Impact in the Middle East and Africa



Source: [ECDC](#), TrendMacro calculations